

Name : L(+)-Ascorbic acid

Another name : (R)-3,4-Dihydroxy-5-[(S)-1,2-dihydroxyethyl]furan-2(5H)-one, Vitamin C)

Grade : Special Grade

Specification number : A-146

Volume : 500g

Issue number : CAK20

Code number : 01003775

HAYASHI PURE CHEMICAL IND.,LTD.

3-2-12 UCHIHIRANOMACHI,CHUO-KU, OSAKA 540-0037, JAPAN

No.	Item	(unit)	Specification	Test Procedure
1	Appearance (Form)	-	Crystals or crystalline powder	JIS K9502-2020
2	Appearance (Hue)	-	White*	
3	Assay (C ₆ H ₈ O ₆)	mass %	min. 99.6	
4	Solubility in water	-	Clear	
5	Specific rotation [α ₂₀ /d]	°	+20.5 ~ +21.5	
6	Loss on drying (105°C)	mass %	max. 0.1	
7	Residue on ignition (sulfate)	mass %	max. 0.05	
8	Chloride (Cl)	mass %	max. 0.005	
9	Sulfate (SO ₄)	mass %	max. 0.002	
10	Copper (Cu)	mass ppm	max. 0.3	
11	Iron (Fe)	mass ppm	max. 2	
12	Nickel (Ni)	mass ppm	max. 5	
13	Lead (Pb)	mass ppm	max. 5	
14	Zinc (Zn)	mass ppm	max. 0.2	
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remark

With revision of JIS,etc.a part of the above contents may be updated without prior notification.

*Long-term storage may cause turning yellow.